



Petrophysical Solutions, Inc.

**Robert B. Bass**  
Senior Petrophysical Consultant

Professional Experience:

**Petrophysical Solutions, Inc.**

Senior Petrophysicist. Interpretation of exploratory and infill development well logs for major petroleum corporations, independent oil and gas companies, landowner clients, and other consulting firms. Specializing in detailed petrophysical analyses that include and augment geological, geophysical, and engineering data, particularly in low-resistivity sections. High degree of familiarity with several petrophysical software packages, including PowerLog, GeoFrame, HDS, and Petroworks. Expert in development, refinement, and extension of log analysis methods to frontier areas using computer programming skills. Extensive experience analyzing logs from clastic, carbonate, and deepwater trends in the Gulf of Mexico region, South America, West Africa, and the North Sea.

**Texaco Exploration & Production Company, New Orleans, Louisiana.**

Petrophysicist, New Orleans Region. Employed as sole petrophysicist for deepwater, offshore, and onshore departments in the New Orleans regional office. Responsible for petrophysical analyses of both exploration and development wells, recommendation and review of logging suites, and generation or verification of petrophysical input for special studies by the Scientific and Information Technology Department within Texaco. Worked closely with geoscience and engineering personnel of Texaco and outside partners to incorporate petrophysics into cohesive results for improved reservoir characterization.

Analyzed logs and presented results as individual or field-wide studies from eight deepwater, twelve offshore (shelf), and ten onshore properties within the Gulf of Mexico region.

**Subsurface Consultants & Associates, LLC., Lafayette, Louisiana.**

Senior Geological Associate - Petrophysical Specialist. Operating as a privately owned corporation on retainer to Subsurface Consultants and several other firms. Involvement in petroleum property evaluation, prospect generation and review, and professional training. Primarily responsible for application of computer processing to large scale petrophysical studies and geologic mapping projects. Duties included geological confirmation of geophysical prospects and leads, completion of all multi-well formation analysis work, and generation as well as evaluation of computer maps in both UNIX and PC environments.

Also functioned as instructor for *Applied Subsurface Geological Mapping*, an advanced five-day course in geological mapping techniques offered on a worldwide basis.

**Atwater Consultants, LTD., New Orleans, Louisiana.**

Consulting Geologist - Senior Petrophysicist. Member of a Gulf Coast geologic and petroleum engineering consulting firm specializing in appraisal of oil and gas property, representation in unitization and regulatory proceedings, and technical consultation regarding petroleum property management and development. In addition to involvement in petroleum property evaluation, developed and managed a specialized petrophysical analysis practice within the firm.

Duties included petrophysical analysis, reserve estimation, geologic consultation, and expert witness testimony. Had sole responsibility for approval of all geologic activities on over 500,000 acres in South Louisiana held by landowner clients.

**Gulf Oil Exploration and Production Co., Inc., New Orleans, Louisiana.**

Supervising Development Geologist. Initially assigned a series of increasingly complex field studies of major offshore properties. Development geologist assignments included well site evaluation, well log correlation, log analysis, construction of structural interpretations, fault surface maps, gross sand isopachs, and hydrocarbon content maps. Utilized above maps for development drilling locations, enhanced recovery projects, and presentation of drilling locations to management for approval. Successful development results led to appointment as leader of Reserves Development Team, a multi-disciplinary group charged with field-wide revisions of core properties.

**Ashland Exploration, Inc., Lafayette, Louisiana.**

Chief Production Accountant. Supervised compilation of all Louisiana, Mississippi, and federal production reports, drilling and workover permits, and severance tax reports for Southeast Region district office. Also responsible for periodic company production reports, base price control level determinations, and warehouse transfers for all district equipment.

Professional Affiliations:

AAPG, Certified Petroleum Geologist, No. 3852  
AIPG, Certified Professional Geologist, No. 7732  
Registered Geologist: Texas, Wyoming, and Arkansas  
Society of Professional Evaluation Engineers  
Society of Professional Well Log Analysts

Education:

B.S. Geology, 1979, University of Southwestern Louisiana  
Certificate in Field Geology, 1977, Wichita State University